



**Town Of Clarkson
Office of the Supervisor
Emergency Preparedness Plan**

Appendix B – 1T

Hazard Specific Analysis: Utility Failure

Definition:

“Loss of electric and/or natural gas power, generally but not necessarily a secondary effect of another disaster agent.”¹

Description:

Utility failure is described as the failure of primary sources of electricity, water, or sewage disposal. These events can significantly impact businesses, and create hazardous health conditions. Utility failure has a hazard ranking of ----

Overview of specific hazard locations and the extent of the hazard:

Utility failure may affect all of the Town Of Clarkson, or may be specific to certain areas within the Town. These hazards are most likely to disrupt:

- ?? Businesses with high dependency on water or sewage removal, such as the food industry.
- ?? Critical facilities that may be especially susceptible to power failure, or that may not possess significant backup power or sustainable operations, such as hospitals.
- ?? Highly populated areas, likely to be inundated with sewage backup and rapidly increasing health considerations.
- ?? Industries and Businesses with high dependency on electric and/or natural gas for manufacturing and business processes.

Previous occurrences of the hazard:

Specific information on the 1965 blackout is pending.

¹ HAZNY

Rolling blackouts that began affecting California and several major cities in the late 1990's, has not adversely impacted us.

Probability of future occurrences and potential magnitude:

The hazard rating for utility failure is relatively high in rank, but the probability of future occurrences is directly related to the demand increases due to technology use and real estate development that has not been offset with additional generation capacity. This hazard should be considered as a cascade event for terrorism and has appropriately resulted in additional facility security measures as well as advanced mitigation practices.

Maps of hazard areas:

Map is not required due to widespread geographic potential.

Analysis of the impact on business, infrastructure & critical facilities:

This event may:

- ?? Cause failure of utility delivery systems, affecting critical facilities such as hospitals, nursing homes, and emergency services.
- ?? Result in significant health related concerns.
- ?? May restrict emergency response, and hamper emergency communications.

Specific information concerning estimated value (\$) of potential loss, damage to structures, casualties, etc:

Specific information regarding loss is pending.

Notes on data limitations: **None**